

May 17, 2016

Via Electronic Filing

Chief Clerk NC Utilities Commission 430 North Salisbury Street Raleigh, NC 27603

RE: Docket No. SP-7895, Sub 0
Application for a Certificate of Public Convenience and Necessity and Registration of a New Renewable Energy Facility for **Zuma Solar, LLC**

Dear Clerk Mount,

Please find enclosed for filing for **Zuma Solar, LLC** (5.00 MW AC):

- Application for a Certificate of Public Convenience and Necessity; and
- Registration of a New Renewable Energy Facility.

Thank you for your assistance with this matter. If you should require additional information and/or have any questions regarding the enclosed materials, please feel free to contact me directly at (213) 347-9387 or regulatory@ccrenew.com.

Thank you,

Nikki Anas

Nikki Anas

Cypress Creek Renewables, LLC



Enclosure

Application for a Contification of

Application for a Certificate of Public Convenience and Necessity

Application for Certificate of Public Convenience and Necessity ("CPCN") Pursuant to Rule R8-64

EXHIBIT 1

1. The full and correct name, business address, business telephone number, and electronic mailing address of facility owner is:

Zuma Solar, LLC 3250 Ocean Park Boulevard Suite 355 Santa Monica, CA 90405 (310) 581-6299 regulatory@ccrenew.com

2. Zuma Solar, LLC is a domestic North Carolina limited liability company. The company was duly formed by the filing of Articles of Organization with the Secretary of State of the State of North Carolina on September 8, 2014. An Articles of Amendment was subsequently filed with the Secretary of State of the State of North Carolina, effective as of March 9, 2016, changing the name of the company to Zuma Solar, LLC. Evan Riley is duly authorized to act as corporate agent for the purpose of this application.

Evan Riley

3250 Ocean Park Boulevard Suite 355

Santa Monica, CA 90405

(310) 581-6299

regulatory@ccrenew.com

with copies to : Nikki Anas

3250 Ocean Park Boulevard

Suite 355

Santa Monica, CA 90405

(213) 347-9387

regulatory@ccrenew.com

- 3. The owner of the facility is Zuma Solar, LLC ("Zuma").
- 4. The owners of the site are:
 - 1. Karen Loftis Reed and William S. Reed (together, "Landowner 1");
 - 2. David E. Loftis ("Landowner 2");
 - 3. Dennis P. and Andrea W. Loftis (together, "Landowner 3"); and
 - 4. Robert A. and Robin D. Loftis (together, "Landowner 4").
- 5. Zuma has a leasehold interest in the site, pursuant to the following four contractual arrangements:
 - 1. Ground Lease Agreement ("Agreement 1"), by and between Landowner 1 and Zuma;
 - 2. Ground Lease Agreement ("Agreement 2"), by and between Landowner 2 and Zuma;

- 3. Ground Lease Agreement ("Agreement 3"), by and between Landowner 3 and Zuma; and
- 4. Ground Lease Agreement (together with Agreement 1, Agreement 2, and Agreement 3, the "Agreements"), by and between Landowner 4 and Zuma.

Per the terms of the Agreements, Zuma is permitted to construct and operate a solar photovoltaic power array on the site for the generation of electric power.

- An E911 address has not yet been assigned to the facility. However, the generating facility
 will be located along Shady Grove Road, approximately (i) .45 miles east of the intersection
 of Little Mill Creek Road and Shadow Ridge Road, (ii) 1.1 miles west of the intersection of
 Shady Pond Road and Lakeside Lane, and (iii) .97 miles east of the intersection of Stone
 Creek Court and Cascade Lane. The facility will be located in Providence, Caswell County,
 North Carolina.
- 2. The GPS coordinates of the approximate center of the site are 36.509 N, 79.438 W.
- A color map showing the location of the generating facility in relation to local highways, streets, and other generally known local landmarks (with the proposed location of major equipment indicated on the map) is attached.

- 1. The generating facility will be a 5.000 MW AC photovoltaic (PV) array. The source of its power will be solar energy. The facility will utilize solar energy to produce electricity.
- 2. The facility will be comprised of approximately twenty two thousand two hundred thirty (22,230) 315Wp panels (or equivalent) attached to ground-mounted racks. The generating facility will utilize approximately three (3) 1850 kVA inverters (or equivalent).
- 3. The nameplate capacity of the facility will be 5.000 MW AC. Given that solar energy is an intermittent resource, the dependable capacity of the facility is 0.
- 4. The date on which the facility is projected to come on line is 09/01/2017.
- 5. The facility owner plans to sell the electricity to Duke Energy Carolinas pursuant to a power purchase agreement.
- 6. There are no provisions for wheeling of the electricity.
- 7. There are currently no arrangements for firm, non-firm or emergency generation.
- 8. The service life of the project is expected to be approximately thirty-five (35) years.
- 9. The projected annual sales of the facility are expected to be approximately 10,500,000 kilowatt-hours (kWh).
- 10. The facility owner intends to produce renewable energy certificates that are eligible for compliance with North Carolina's renewable energy and energy efficiency portfolio standard.

- 1. The following is a list of the federal and state approvals that are required to build and/or operate this facility:
 - (1) FERC Form 556, Self-Certification of Qualifying Facility
 - (2) EIA-860 and EIA-923
 - (3) NC DENR Stormwater Permit
 - (4) NC DOT Driveway Permit
 - (5) FAA clearance

1. The expected cost of the proposed facility is approximately nine million four hundred fifty thousand dollars (\$9,450,000.00).

[Signature Page to Application for a CPCN for Zuma Solar, LLC]

I, Evan Riley, Vice President of Zuma Solar, LLC, verify that I am duly authorized to act on behalf of Zuma Solar, LLC. I also verify that the contents of this Application for a Certificate of Public Convenience and Necessity by Zuma Solar, LLC filed in this docket are true to the best of my knowledge.

ZUMA SOLAR, LLE

Name: Evan Riley

Title: Vice President

State of California
County of Los Angeles

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

On	May 13, 2016	before me,	Karen R. Elmore	Notary Public personally
appeared	Evan Riley		who proved to me on the basis of sati	
person(4)	whose name() () are	subscribed to	the within instrument and acknowledge	ged to me that he she/they
executed the same in his her/their authorized capacity(ies), and that by his her/their signature() on the instrument				
the person(3), or the entity upon behalf of which the person(3) acted, executed the instrument.				

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature_

Signature of Notary Public

KAREN R. ELMORE
Commission # 2034658
Notary Public - California
Los Angeles County
My Comm. Expires Aug 22, 2017

Registration of a New Renewable Energy Facility

Registration of a New Renewable Energy Facility Pursuant to Rule R8-66

1. The full and correct name, business address, telephone number, and electronic mailing address of the facility owner is:

Zuma Solar, LLC 3250 Ocean Park Boulevard Suite 355 Santa Monica, CA 90405 (310) 581-6299 regulatory(a ccrenew.com

2. Zuma Solar, LLC is a domestic North Carolina limited liability company. The company was duly formed by the filing of Articles of Organization with the Secretary of State of the State of North Carolina on September 8, 2014. An Articles of Amendment was subsequently filed with the Secretary of State of the State of North Carolina, effective as of March 9, 2016, changing the name of the company to Zuma Solar, LLC. Evan Riley is duly authorized to act as corporate agent for the purpose of this application.

Evan Riley

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- 5. An E911 address has not yet been assigned to the facility. However, the generating facility will be located along Shady Grove Road, approximately (i) .45 miles east of the intersection of Little Mill Creek Road and Shadow Ridge Road, (ii) 1.1 miles west of the intersection of Shady Pond Road and Lakeside Lane, and (iii) .97 miles east of the intersection of Stone Creek Court and Cascade Lane. The facility will be located in Providence, Caswell County, North Carolina. A color map of the facility's location is attached.
- 6. The GPS coordinates of the approximate center of the site are 36.509 N, 79.438 W.
- 7. The owner of the facility is Zuma Solar, LLC ("Zuma").

- 8. The owners of the site are:
 - 1. Karen Loftis Reed and William S. Reed (together, "Landowner 1");
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 - 3. Dennis P. and Andrea W. Loftis (together, "Landowner 3"); and
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Per the terms of the Agreements, Zuma is permitted to construct and operate a solar photovoltaic power array on the site for the generation of electric power.

- 10. The following is a list of the federal and state approvals that are required to build and/or operate this facility:
 - (1) FERC Form 556, Self-Certification of Qualifying Facility
 - (2) EIA-860 and EIA-923
 - (3) NC DENR Stormwater Permit
 - (4) NC DOT Driveway Permit
 - (5) FAA clearance
- 11. The date on which the facility is projected to be placed into service is 09/01/2017.
- 12. Duke Energy Carolinas will read the facility's energy production meter for the purpose of issuing renewable energy certificates.
- 13. The facility anticipates that it will participate in the North Carolina Renewable Energy Tracking System.

[Signature Page to Registration for Zuma Solar, LLC]

I, Evan Riley, Vice President of Zuma Solar, LLC, verify that I am duly authorized to act on behalf of Zuma Solar, LLC. As an authorized agent of Zuma Solar, LLC, I hereby state the following:

- I certify that the facility is in substantial compliance with all federal and state laws, regulations, and rules for the protection of the environment and conservation of natural resources.
- I certify that the facility satisfies the requirements of G.S. 62-133.8(a)(5) as a new renewable energy facility and that the facility will be operated as a new renewable energy facility.
- I certify that any renewable energy certificates (whether or not bundled with electric power) sold to an electric power supplier to comply with G.S. 62-133.8 have not, and will not, be remarketed or otherwise resold for any other purpose, including another renewable energy portfolio standard or voluntary purchase of renewable energy certificates in North Carolina or any other state or country, and that the electric power associated with the certificates will not be offered or sold with any representation that the power is bundled with renewable energy certificates.
- I certify that I consent to the auditing of my organization's books and records by the Public Staff insofar as those records relate to transactions with North Carolina electric power suppliers, and agree to provide the Public Staff and the Commission access to our books and records, wherever they are located, and to the facility.
- I certify that the information contained in this Registration of a New Renewable Energy Facility is true to the best of my knowledge.

Name: Evan Riley

State of California
County of Los Angeles

Title: Vice President

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

On May 13, 2016 before me, Karen R. Elmore Notary Public personally appeared Evan Riley who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (is/are subscribed to the within instrument and acknowledged to me that he the/they executed the same in his/her/their authorized capacity(ies); and that by his/her/their signature (i) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Signature of Notary Public

KAREN R. ELMORE
Commission # 2034658
Notary Public - California
Los Angeles County
My Comm. Expires Aug 22, 2017

